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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Site** | **Year** | **DOC** | **TN** | **DOC/TN ratio** | **PO4** | **NH4** | **NO3 NO2** | **NO2** | **NO3** |
| Control | **Directors Bay** | 2020 | 85.06 ± 6.16 (9) | 7.19 ± 1.11(9) | 12.08 ± 1.99 (9) | 0.03 ± 0.02 (7) | 1.45 ± 1.74 (8) | 1.15 ± 0.66 (9) | 0.12 ± 0.20 (9) | 1.03 ± 0.53 (9) |
| 2021 | 103.83 ± 4.89 (3) | 5.43 ± 0.42 (3) | 19.15 ± 1.09 (3) | 0.01 ± 0.00 (3) | 0.30 ± 0.09 (3) | 1.08 ± 0.19 (3) | 0.04 ± 0.01 (3) | 1.04 ± 0.19 (3) |
| 2022 | 87.50 ± 4.27 (6) | 6.65 ± 1.05 (6) | 13.44 ± 2.18 (6) | 0.03 ± 0.03 (6) | 2.02 ± 1.20 (6) | 1.93 ± 1.93 (6) | 0.06 ± 0.04 (6) | 1.87 ± 1.92 (6) |
| 2023 | 108.15 ± 11.32 (6) | 7.42 ± 3.48 (6) | 16.21 ± 4.44 (6) | 0.06 ± 0.01 (6) | 0.56 ± 0.07 (6) | 1.19 ± 0.49 (6) | 0.12 ± 0.06 (6) | 1.08 ± 0.49 (6) |
| **Jan Kok** | 2020 | 93.67 ± 8.34 (3) | 5.83 ± 0.06 (3) | 16.08 ± 1.49 (3) | 0.03 ± 0.01 (3) | 4.31 ± 5.44 (3) | 0.28 ± 0.12 (3) | 0.07 ± 0.08 (3) | 0.21 ± 0.11 (3) |
| 2021 | 109.77 ± 4.68 (3) | 5.80 ± 0.36 (3) | 19.00 ± 1.91 (3) | 0.01 ± 0.01 (3) | 1.27 ± 0.71 (3) | 0.33 ± 0.02 (3) | 0.02 ± 0.01 (3) | 0.31 ± 0.02 (3) |
| **Playa Jeremy** | 2020 | 101.67 ± 10.87 (9) | 6.32 ± 0.68 (9) | 16.34 ± 3.23 (9) | 0.01 ± 0.01 (9) | 3.58 ± 4.66 (9) | 0.44 ± 0.24 (9) | 0.12 ± 0.13 (9) | 0.32 ± 0.16 (9) |
| 2021 | 97.10 ± 5.06 (3) | 5.80 ± 0.62 (3) | 16.93 ± 2.66 (3) | 0.01 ± 0.00 (3) | 0.26 ± 0.04 (3) | 0.15 ± 0.05 (3) | 0.01 ± 0.01 (3) | 0.14 ± 0.04 (3) |
| 2022 | 97.47 ± 8.01(6) | 6.21 ± 0.32 (6) | 15.77 ± 2.05 (6) | 0.07 ± 0.09 (6) | 2.94 ± 3.39 (6) | 1.90 ± 1.84 (6) | 0.15 ± 0.19 (6) | 1.75 ± 1.72 (6) |
| 2023 | 91.60 ± 5.67 (4) | 6.94 ± 1.68 (5) | 14.21 ± 4.39 (4) | 0.04 ± 0.02 (6) | 0.88 ± 0.71 (6) | 0.75 ± 0.99 (6) | 0.02 ± 0.01 (6) | 0.73 ± 0.99 (6) |
| Urban | **Holiday Beach** | 2020 | 94.21 ± 5.10 (9) | 6.95 ± 1.53 (9) | 14.28 ± 3.79 (9) | 0.07 ± 0.08 (9) | 3.69 ± 6.14 (9) | 0.90 ± 0.80 (9) | 0.09 ± 0.06 (9) | 0.81 ± 0.76 (9) |
| 2021 | 109.85 ± 4.45 (2) | 6.80 ± 1.82 (3) | 15.71 ± 4.26 (2) | 0.09 ± 0.03 (3) | 0.38 ± 0.04 (3) | 0.51 ± 0.11 (3) | 0.04 ± 0.01 (3) | 0.47 ± 0.10 (3) |
| 2022 | 100.07 ± 4.84 (6) | 8.86 ± 1.12 (6) | 11.46 ± 1.67 (6) | 0.06 ± 0.07 (6) | 2.60 ± 1.15 (6) | 2.31 ± 0.99 (6) | 0.09 ± 0.06 (6) | 2.22 ± 0.96 (6) |
| 2023 | 104.27 ± 8.64 (6) | 6.90 ± 1.00 (6) | 15.24 ± 1.38 (6) | 0.08 ± 0.05 (6) | 0.78 ± 0.46 (6) | 2.22 ± 0.87 (6) | 0.11 ± 0.03 (6) | 2.11 ± 0.86 (6) |
| **Coral Estate** | 2020 | 109.38 ± 22.15 (6) | 6.34 ± 0.36 (6) | 17.34 ± 3.86 (6) | 0.09 ± 0.08 (6) | 16.83 ± 8.53 (6) | 0.76 ± 0.17 (6) | 0.31 ± 0.15 (6) | 0.45 ± 0.16 (6) |
| 2021 | 110.00 ± 22.23 (3) | 6.03 ± 1.27 (3) | 18.27 ± 0.84 (3) | 0.06 ± 0.02 (3) | 0.87 ± 0.64 (3) | 0.66 ± 0.36 (3) | 0.04 ± 0.01 (2) | 0.63 ± 0.36 (3) |
| 2022 | 113.03 ± 15.94 (6) | 7.91 ± 0.98 (6) | 14.38 ± 1.96 (6) | 0.04 ± 0.04 (6) | 2.94 ± 2.91 (6) | 3.38 ± 3.75 (6) | 0.08 ± 0.08 (6) | 3.30 ± 3.67 (6) |
| 2023 | 96.95 ± 12.32 (6) | 7.07 ± 0.54 (6) | 13.77 ± 1.84 (6) | 0.07 ± 0.02 (6) | 4.29 ± 1.36 (6) | 2.43 ± 0.71 (6) | 0.11 ± 0.03 (6) | 2.32 ± 0.70 (6) |
| **Cas Abou** | 2020 | 94.54 ± 5.80 (9) | 7.54 ± 2.16 (9) | 13.27 ± 3.09 (9) | 0.02 ± 0.02 (7) | 6.70 ± 8.16 (7) | 0.32 ± 0.19 (9) | 0.10 ± 0.10 (8) | 0.27 ± 0.11 (8) |
| 2021 | 96.10 ± 3.68 (3) | 6.13 ± 0.91 (3) | 15.95 ± 2.91 (3) | 0.06 ± 0.01 (3) | 1.22 ± 0.23 (3) | 0.73 ± 0.39 (3) | 0.02 ± 0.01 (3) | 0.71 ± 0.39 (3) |
| 2022 | 95.48 ± 4.13 (6) | 7.70 ± 0.77 (6) | 12.48 ± 1.17 (6) | 0.02 ± 0.02 (6) | 3.05 ± 2.66 (6) | 3.09 ± 4.07 (6) | 0.12 ± 0.15 (6) | 2.97 ± 4.04 (6) |
| 2023 | 92.92 ± 5.80 (6) | 6.68 ± 1.04 (6) | 14.09 ± 1.54 (6) | 0.06 ± 0.04 (6) | 1.57 ± 1.43 (6) | 0.68 ± 0.48 (6) | 0.07 ± 0.07 (6) | 0.60 ± 0.45 (6) |
| Tourist | **Mambo Beach** | 2020 | 96.33 ± 13.27 (8) | 7.43 ± 2.97 (9) | 13.95 ± 4.14 (8) | 0.03 ± 0.02 (9) | 5.68 ± 7.12 (9) | 0.34 ± 0.19 (9) | 0.08 ± 0.08 (9) | 0.26 ± 0.14 (9) |
| 2021 | 99.53 ± 4.58 (3) | 8.10 ± 1.14 (3) | 12.41 ± 1.29 (3) | 0.01 ± 0.00 (3) | 0.23 ± 0.05 (3) | 0.66 ± 0.27 (3) | 0.02 ± 0.00 (3) | 0.63 ± 0.27 (3) |
| 2022 | 132.28 ± 17.55 (6) | 13.55 ± 6.26 (6) | 11.10 ± 3.72 (6) | 0.06 ± 0.05 (6) | 5.34 ± 3.21 (6) | 5.02 ± 2.68 (6) | 0.17 ± 0.14 (6) | 4.85 ± 2.58 (6) |
| 2023 | 113.83 ± 6.57 (6) | 7.78 ± 2.04 (6) | 15.35 ± 3.44 (6) | 0.12 ± 0.05 (6) | 0.93 ± 0.30 (6) | 2.10 ± 0.71 (6) | 0.13 ± 0.06 (6) | 1.96 ± 0.64 (6) |
| **Porto Marie** | 2020 | 89.07 ± 8.30 (6) | 6.88 ± 0.93 (6) | 13.14 ± 2.15 (6) | 0.04 ± 0.03 (6) | 2.70 ± 2.68 (6) | 0.49 ± 0.29 (6) | 0.05 ± 0.02 (6) | 0.44 ± 0.29 (6) |
| 2021 | 100.17 ± 6.84 (3) | 7.50 ± 4.07 (3) | 15.62 ± 6.33 (3) | 0.03 ± 0.01 (3) | 1.08 ± 0.48 (3) | 0.73 ± 0.30 (3) | 0.03 ± 0.02 (3) | 0.70 ± 0.29 (3) |
| 2022 | 115.50 ± 7.55 (6) | 9.65 ± 1.76 (6) | 12.30 ± 2.28 (6) | 0.05 ± 0.04 (6) | 3.62 ± 1.89 (6) | 2.62 ± 2.17 (6) | 0.14 ± 0.17 (6) | 2.48 ± 2.02 (6) |
| 2023 | 112.23 ± 3.15 (6) | 7.70 ± 1.22 (6) | 14.88 ± 2.34 (6) | 0.14 ± 0.02 (6) | 3.25 ± 1.44 (6) | 2.26 ± 0.63 (6) | 0.25 ± 0.06 (6) | 2.02 ± 0.59 (6) |
| **Grote Knip** | 2020 | 93.02 ± 6.67 (9) | 6.86 ± 1.66 (9) | 14.12 ± 2.77 (9) | 0.02 ± 0.03 (8) | 3.07 ± 6.32 (8) | 0.59 ± 0.73 (9) | 0.04 ± 0.04 (9) | 0.56 ± 0.74 (9) |
| 2021 | 86.70 ± 6.08 (3) | 4.87 ± 0.21(3) | 17.86 ± 1.89 (3) | 0.03 ± 0.00 (3) | 1.07 ± 0.25 (3) | 1.60 ± 0.74 (3) | 0.04 ± 0.01 (3) | 1.56 ± 0.74 (3) |
| 2022 | 122.40 ± 5.43 (6) | 7.64 ± 0.90 (6) | 16.16 ± 1.33 (6) | 0.11 ± 0.09 (6) | 4.63 ± 2.86 (6) | 4.14 ± 2.61 (6) | 0.18 ± 0.12 (6) | 3.96 ± 2.52 (6) |
| 2023 | 111.10 ± 5.65 (6) | 7.57 ± 1.81(6) | 15.29 ± 3.12 (6) | 0.09 ± 0.05 (6) | 0.96 ± 0.72 (6) | 1.51 ± 1.45 (6) | 0.10 ± 0.10 (6) | 1.41 ± 1.37 (6) |